10/617,582

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	(("4835310") or ("4931576")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/01 11:41
L2	1	ep-166695-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 11:42
L3	2	("4931576").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/01 11:42
L4	2	jp-2003048883-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 11:45

L5	2	jp-2000186086-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 11:47
L6	2	jp-2000143651-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 11:50
L7	2	jp-10114764-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 11:52
L8	2	jp-2000309584-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 11:53

L9	2	jp-2000204301-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 11:54
L10	2	jp-2001288181-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 11:55
L11	0	us-2003149231-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 11:55
L12	2	us-20030149231-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:04

L13	10	(("5807975") or ("3234236") or ("2436233")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/01 12:05
L14	2	jp-2000186086-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:07
L15	2	jp-2000186087-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:07
L16	2	jp-2000137307-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:10

L17	2	jp-11180977-$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:11
L18	190	"4046729"	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:12
L19	17	(("4046729") or ("4366307") or ("4609762") or ("4681811") or ("5225472") or ("5912319") or ("6172179") or ("3454539")).PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:18
L20	0	("us-20030017341-$.did. ").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:19

L21	2	us-20030017341-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:20
L22	2	("6800371").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/01 12:21
L23	6	(("6372849") or ("6509418") or ("6942843") or ("6232401")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/01 12:35
L24	2	("6372849").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/01 12:37

L25	34962	polymercaptan or polythiol or dimercaptan or dithiol or dimercaptodioxaoctane or DMDO or dimercaptodiethylsulfide or dimercaptodiethylsulphide or DMDS or dimercaptooxapentane or dimercapto or dithio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:39
L26	1325	polymercapto or polythio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:39
L27	35868	I25 or I26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:40

L28	10819	allylglycidylether or (allyl adj glycidyl adj ether) or (allylglycidyl adj ether) or (allyl adj glycidylether) or (epoxy adj3 (hexene or alkene or octene or decene)) or epoxyhexene or epoxyalkene or epoxyoctene or epoxydecene or (vinylcyclohexene adj (oxide or epoxide or monoepoxide)) or (vinyl adj2 cyclohexene adj2 (oxide or epoxide or monoepoxide)) or vinylcyclohexeneoxide or vinylcyclohexeneepoxide or ((butadiene or isoprene or limonene) adj3 (oxide or epoxide or monoepoxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:48
L29	32921	(olefin?$1 or vinyl$2 or allyl$2) near3 (glycidyl$2 or oxiran?$2 or epox?$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:49
L30	25961	(glycidyl adj (acrylate or methacrylate)) or glycidylacrylate or glycidylmethacrylate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:50

L31	53116	I28 or I29 or I30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:50
L32	42	I27 near10 I31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:58

(FILE 'HOME' ENTERED AT 10:47:08 ON 01 SEP 2005)

FILE 'STNGUIDE' ENTERED AT 10:48:20 ON 01 SEP 2005

FILE 'REGISTRY' ENTERED AT 10:52:58 ON 01 SEP 2005
```
L1              STRUCTURE UPLOADED
L2        38 S L1
L3         1 S 207556-36-3/RN
L4         1 S 207556-36-3/RN
L5         1 S 240402-28-2/RN
L6       247 S C8H14O2S2/MF
L7         1 S L6 AND OXIRANE
L8       174 S C7H12O2S2/MF
L9         0 S L8 AND OXIRANE
```

FILE 'CAPLUS' ENTERED AT 11:03:05 ON 01 SEP 2005
```
L10        1 S 230950-21-7#/RN
L11        7 S 207556-36-3#/RN
```

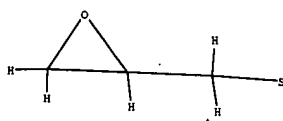FILE 'STNGUIDE' ENTERED AT 11:05:53 ON 01 SEP 2005
```
L12        0 S 103296-84-0#/RN
```

FILE 'REGISTRY' ENTERED AT 11:14:29 ON 01 SEP 2005

FILE 'CAPLUS' ENTERED AT 11:14:35 ON 01 SEP 2005
```
L13       12 S 103296-84-0#/RN
```

FILE 'STNGUIDE' ENTERED AT 11:14:50 ON 01 SEP 2005
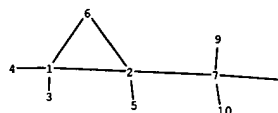
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chain nodes :
    3   4   5   7   8   9   10
ring nodes :
    1   2   6
chain bonds :
    1-4   1-3   2-5   2-7   7-9   7-10   7-8
ring bonds :
    1-6   1-2   2-6
exact/norm bonds :
    1-6   1-2   2-6   7-8
exact bonds :
    1-4   1-3   2-5   2-7   7-9   7-10


Match level :
    1:Atom   2:Atom   3:CLASS   4:CLASS   5:CLASS   6:Atom   7:CLASS   8:CLASS
    9:CLASS   10:CLASS
```
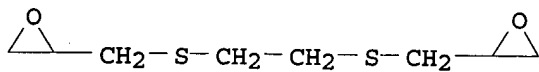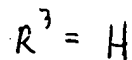
```
RN    103296-84-0  REGISTRY
ED    Entered STN:  19 Jul 1986
CN    Oxirane, 2,2'-[1,2-ethanediylbis(thiomethylene)]bis- (9CI)  (CA
      INDEX NAME)
OTHER NAMES:
CN    1,2-Bis(glycidylthio)ethane
FS    3D CONCORD
MF    C8 H14 O2 S2
CI    COM
SR    CA
LC    STN Files:   CA, CAPLUS, CASREACT, USPATFULL
```

```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

          12 REFERENCES IN FILE CA (1907 TO DATE)
          12 REFERENCES IN FILE CAPLUS (1907 TO DATE)
```

RN 207556-36-3 REGISTRY
ED Entered STN: 24 Jun 1998
CN Oxirane, 2,2'-[thiobis(2,1-ethanediylthiomethylene)]bis- (9CI)   (CA INDEX
    NAME)
FS 3D CONCORD
MF C10 H18 O2 S3
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT

$$[(CHR^3)_p - X]_q (CHR^3)_r$$

$$\triangle\!\!-O -CH_2-S-(CH_2-CH_2-S-CH_2-CH_2)-S-CH_2-\triangle\!\!-O$$

$$R^3 = H$$
$$X = S$$
$$p = 2$$
$$q = 1$$
$$r = 2$$

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN   230950-21-7 REGISTRY
ED   Entered STN: 06 Aug 1999
CN   Oxirane, 2,2'-[(1-methyl-1,2-ethanediyl)bis(thiomethylene)]bis- (9CI)   (CA
      INDEX NAME)
FS   3D CONCORD
MF   C9 H16 O2 S2
SR   CA
LC   STN Files: CA, CAPLUS

$$R'$$
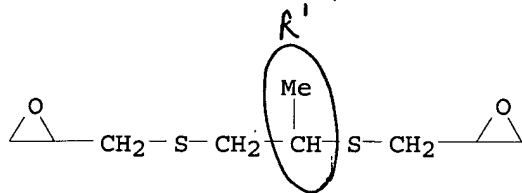
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

        1 REFERENCES IN FILE CA (1907 TO DATE)
        1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
        (FILE 'HOME' ENTERED AT 13:37:26 ON 01 SEP 2005)

     FILE 'STNGUIDE' ENTERED AT 13:37:31 ON 01 SEP 2005

     FILE 'REGISTRY' ENTERED AT 13:40:19 ON 01 SEP 2005
L1          3 S DIMERCAPTODIOXAOCTANE
L2          1 S 14970-87-7#/RN
L3          1 S DIMERCAPTODIETHYLSULFIDE
L4          1 S 3570-55-6#/RN
L5        438 S ALLYL(W)GLYCIDYL(W)ETHER
L6        392 S EPOXY(3W)HEXENE
L7          4 S EPOXY(W)7(W)OCTENE
L8          3 S EPOXY(W)9(W)DECENE
L9         30 S VINYL(2W)CYCLOHEXENE(3W)EPOXIDE
L10        28 S BUTADIENE(2A)(EPOXIDE OR MONOEPOXIDE)
L11         1 S ISOPRENE(W)EPOXIDE
L12         0 S IIMONENE(W)(EPOXIDE OR MONOEPOXIDE)
L13         4 S LIMONENE(W)(EPOXIDE OR MONOEPOXIDE)
L14         2 S (14970-87-7# OR 3570-55-6#)/RN
L15       610 S (14970-87-7# OR 3570-55-6#)/CRN
L16      1942 S (106-92-3# OR 10353-53-4# OR 105205-70-7# OR 52485-73-1# OR 1
L17        19 S (1838-94-4# OR 13837-75-7# OR 4959-35-7# OR 1195-92-2#)/CRN
L18         8 S L15 AND (L16 OR L17)

     FILE 'CAPLUS' ENTERED AT 13:54:49 ON 01 SEP 2005
L19         1 S 823797-39-3#/RN
L20       559 S (14970-87-7# OR 3570-55-6#)/RN
            S (14970-87-7# OR 3570-55-6#)/CRN


     FILE 'REGISTRY' ENTERED AT 13:56:46 ON 01 SEP 2005
L21       610 S (14970-87-7# OR 3570-55-6#)/CRN


     FILE 'CAPLUS' ENTERED AT 13:56:46 ON 01 SEP 2005
L22       257 S L21
L23       785 S L20 OR L22
L24      3516 S (106-92-3# OR 10353-53-4# OR 105205-70-7# OR 52485-73-1# OR 1
            S (106-92-3# OR 10353-53-4# OR 105205-70-7# OR 52485-73-1# OR 1

     FILE 'REGISTRY' ENTERED AT 13:58:41 ON 01 SEP 2005
L25      1942 S (106-92-3# OR 10353-53-4# OR 105205-70-7# OR 52485-73-1# OR 1


     FILE 'CAPLUS' ENTERED AT 13:58:41 ON 01 SEP 2005
L26      2439 S L25
L27      5837 S L24 OR L26
L28      1044 S (1838-94-4# OR 13837-75-7# OR 4959-35-7# OR 1195-92-2# OR 823
            S (1838-94-4# OR 13837-75-7# OR 4959-35-7# OR 1195-92-2# OR 823

     FILE 'REGISTRY' ENTERED AT 13:59:57 ON 01 SEP 2005
L29        19 S (1838-94-4# OR 13837-75-7# OR 4959-35-7# OR 1195-92-2# OR 823


     FILE 'CAPLUS' ENTERED AT 13:59:58 ON 01 SEP 2005
L30        22 S L29
L31      1064 S L28 OR L30
L32        11 S L23 AND (L27 OR L30)
```
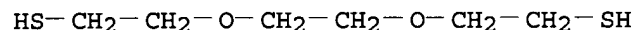
```
RN     14970-87-7  REGISTRY
ED     Entered STN:  16 Nov 1984
CN     Ethanethiol, 2,2'-[1,2-ethanediylbis(oxy)]bis- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN     Ethanethiol, 2,2'-(ethylenedioxy)di- (6CI, 8CI)
OTHER NAMES:
CN     1,2-Bis(2'-mercaptoethoxy)ethane
CN     1,2-Bis(2-mercaptoethoxy)ethane
CN     1,8-Dimercapto-3,6-dioxaoctane
CN     2,2'-(Ethylenedioxy)diethanethiol
CN     3,6-Dioxaoctane-1,8-dithiol
CN     DMDO
CN     Ethylene glycol di-2-mercaptoethyl ether
CN     NSC 94782
CN     Triethylene glycol dimercaptan
CN     Triethylene glycol dithiol
FS     3D CONCORD
MF     C6 H14 O2 S2
CI     COM
LC     STN Files:   BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
          CHEMINFORMRX, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, PROMT,
          TOXCENTER, USPAT2, USPATFULL
             (*File contains numerically searchable property data)
          Other Sources:   EINECS**, NDSL**, TSCA**
             (**Enter CHEMLIST File for up-to-date regulatory information)
```

$$HS-CH_2-CH_2-O-CH_2-CH_2-O-CH_2-CH_2-SH$$

```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

          187 REFERENCES IN FILE CA (1907 TO DATE)
           27 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
          187 REFERENCES IN FILE CAPLUS (1907 TO DATE)
            1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
```

```
RN     3570-55-6  REGISTRY
ED     Entered STN:  16 Nov 1984
CN     Ethanethiol, 2,2'-thiobis- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN     Ethanethiol, 2,2'-thiodi- (6CI, 7CI, 8CI)
OTHER NAMES:
CN     1,4,7-Trithiaheptane
CN     1,5-Dimercapto-3-thiapentane
CN     1-Mercapto-2-(mercaptoethylthio)ethane
CN     2,2'-Dimercaptodiethyl sulfide
CN     2,2'-Dimercaptodiethyl thioether
CN     2,2'-Thiobis[ethanethiol]
CN     2,2'-Thiodi(ethanethiol)
CN     2-Mercaptoethyl sulfide
CN     2-Mercaptoethyl thioether
CN     3-Thia-1,5-pentanedithiol
CN     Bis(2-mercaptoethyl) sulfide
CN     Bis(2-sulfanylethyl) sulfide
CN     DMDS
CN     NSC 4766
CN     TDT
FS     3D CONCORD
MF     C4 H10 S3
CI     COM
LC     STN Files:  BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT,
          CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DETHERM*, EMBASE, GMELIN*,
          HODOC*, IFICDB, IFIPAT, IFIUDB, NIOSHTIC, SPECINFO, SYNTHLINE,
          TOXCENTER, USPAT2, USPATFULL
             (*File contains numerically searchable property data)
          Other Sources:  EINECS**, NDSL**, TSCA**
             (**Enter CHEMLIST File for up-to-date regulatory information)
```

HS─CH$_2$─CH$_2$─S─CH$_2$─CH$_2$─SH

```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

          412 REFERENCES IN FILE CA (1907 TO DATE)
           36 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
          413 REFERENCES IN FILE CAPLUS (1907 TO DATE)
            2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
```

```
RN     106-92-3   REGISTRY
ED     Entered STN:   16 Nov 1984
CN     Oxirane, [(2-propenyloxy)methyl]- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN     Propane, 1-(allyloxy)-2,3-epoxy- (6CI, 8CI)
OTHER NAMES:
CN     (±)-Allyl glycidyl ether
CN     1,2-Epoxy-3-allyloxypropane
CN     1-(2-Propenyloxy)-2,3-epoxypropane
CN     1-Allyloxy-2,3-epoxypropane
CN     2-Allyloxymethyloxirane
CN     A 32608
CN     AGE
CN     Allyl 2,3-epoxypropyl ether
CN     Allyl glycidyl ether
CN     Allyl oxiranemethyl ether
CN     Denacol EX 111
CN     Glycidyl 2-propenyl ether
CN     Glycidyl allyl ether
CN     NSC 18596
CN     NSC 631
CN     [(2-Propenyloxy)methyl]oxirane
CN     [(Allyloxy)methyl]oxirane
FS     3D CONCORD
DR     112186-06-8, 90907-93-0
MF     C6 H10 O2
CI     COM
LC     STN Files:   AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
       CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX,
       CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DETHERM*, DIPPR*, EMBASE,
       ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HODOC*, HSDB*,
       IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, PIRA, PROMT,
       RTECS*, SCISEARCH, SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL
           (*File contains numerically searchable property data)
       Other Sources:   DSL**, EINECS**, TSCA**
           (**Enter CHEMLIST File for up-to-date regulatory information)
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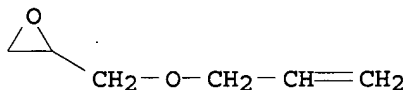


```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

           2037 REFERENCES IN FILE CA (1907 TO DATE)
            630 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
           2042 REFERENCES IN FILE CAPLUS (1907 TO DATE)
            108 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
```
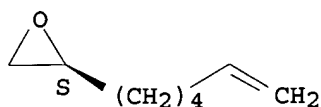
```
RN     10353-53-4  REGISTRY
ED     Entered STN:  16 Nov 1984
CN     Oxirane, 3-butenyl- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN     1-Hexene, 5,6-epoxy- (7CI, 8CI)
OTHER NAMES:
CN     ω-Butenyloxirane
CN     1,2-Epoxy-5-hexene
CN     2-(3-Butenyl)oxirane
CN     3-Butenyloxirane
CN     5,6-Epoxy-1-hexene
CN     Diallyl monooxide
CN     Diallyl monoxide
FS     3D CONCORD
DR     133358-40-4
MF     C6 H10 O
CI     COM
LC     STN Files:   AGRICOLA, BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
       CHEMINFORMRX, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, RTECS*,
       SPECINFO, TOXCENTER, USPAT2, USPATFULL
          (*File contains numerically searchable property data)
       Other Sources:   EINECS**
          (**Enter CHEMLIST File for up-to-date regulatory information)
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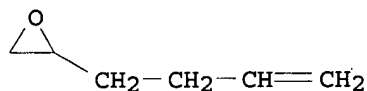


```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

        189 REFERENCES IN FILE CA (1907 TO DATE)
         16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
        189 REFERENCES IN FILE CAPLUS (1907 TO DATE)
          1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
```

```
RN    105205-70-7  REGISTRY
ED    Entered STN:  15 Nov 1986
CN    Oxirane, 5-hexenyl-, (2S)- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    Oxirane, 5-hexenyl-, (S)-
OTHER NAMES:
CN    (-)-1,2-Epoxy-7-octene
CN    (S)-5-Hexenyloxirane
FS    STEREOSEARCH
MF    C8 H14 O
SR    CA
LC    STN Files:   BEILSTEIN*, CA, CAPLUS, CHEMINFORMRX
          (*File contains numerically searchable property data)
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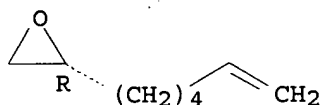
Absolute stereochemistry. Rotation (-).

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

```
          7 REFERENCES IN FILE CA (1907 TO DATE)
          7 REFERENCES IN FILE CAPLUS (1907 TO DATE)
```

```
RN     52485-73-1  REGISTRY
ED     Entered STN:  16 Nov 1984
CN     Oxirane, 5-hexenyl-, (2R)- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN     Oxirane, 5-hexenyl-, (R)-
OTHER NAMES:
CN     (+)-1,2-Epoxy-7-octene
CN     (R)-(+)-7,8-Epoxy-1-octene
CN     (R)-5-Hexenyloxirane
FS     STEREOSEARCH
MF     C8 H14 O
LC     STN Files:   BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX, TOXCENTER
          (*File contains numerically searchable property data)
```
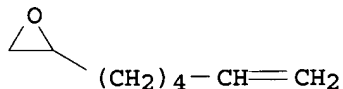
Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

```
               8 REFERENCES IN FILE CA (1907 TO DATE)
               8 REFERENCES IN FILE CAPLUS (1907 TO DATE)
```

RN   19600-63-6 REGISTRY
ED   Entered STN: 16 Nov 1984
CN   Oxirane, 5-hexenyl- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   1-Octene, 7,8-epoxy- (8CI)
OTHER .NAMES:
CN   (±)-1,2-Epoxyoct-7-ene
CN   (±)-5-Hexenyloxirane
CN   (5-Hexen-1-yl)oxirane
CN   ω-Hexenyl oxirane
CN   **1,2-Epoxy-7-octene**
CN   5-Hexenyloxirane
CN   7,8-Epoxy-1-octene
FS   3D CONCORD
DR   126872-17-1
MF   C8 H14 O
CI   COM
LC   STN Files: BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT,
         CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DETHERM*, IFICDB, IFIPAT,
         IFIUDB, MSDS-OHS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2,
         USPATFULL, VTB
            (*File contains numerically searchable property data)
       Other Sources: EINECS**
   (**Enter CHEMLIST File for up-to-date regulatory information)

$(CH_2)_4 - CH = CH_2$

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

         110 REFERENCES IN FILE CA (1907 TO DATE)
           8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
         110 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN   137310-67-9 REGISTRY
ED   Entered STN: 15 Nov 1991
CN   Oxirane, 7-octenyl-, (R)- (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   **(+)-1,2-Epoxy-9-decene**
FS   STEREOSEARCH
MF   C10 H18 O
SR   CA
LC   STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, USPATFULL
   (*File contains numerically searchable property data)

Absolute stereochemistry.
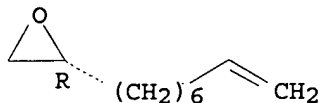
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

            4 REFERENCES IN FILE CA (1907 TO DATE)
            1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
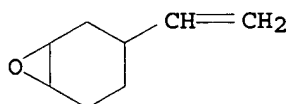   4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8   ANSWER 3 OF 3 REGISTRY COPYRIGHT 2005 ACS on STN
RN   85721-25-1 REGISTRY
ED   Entered STN: 16 Nov 1984
CN   Oxirane, (7-octenyl)- (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   (7-Octenyl)oxirane
CN   **1,2-Epoxy-9-decene**
CN   9,10-Epoxy-1-decene
FS   3D CONCORD
MF   C10 H18 O
CI   COM
SR   European Union (EU)
LC   STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX,
         CHEMLIST, CSCHEM, TOXCENTER, USPAT2, USPATFULL
            (*File contains numerically searchable property data)
      Other Sources: EINECS**
            (**Enter CHEMLIST File for up-to-date regulatory information)
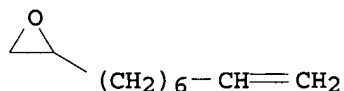
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

            55 REFERENCES IN FILE CA (1907 TO DATE)
             4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
            55 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
RN    106-86-5  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    7-Oxabicyclo[4.1.0]heptane, 3-ethenyl- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    7-Oxabicyclo[4.1.0]heptane, 3-vinyl- (6CI, 8CI)
CN    Cyclohexane, 1,2-epoxy-4-vinyl- (7CI)
OTHER NAMES:
CN    1,2-Epoxy-4-vinylcyclohexane
CN    1-Ethenyl-3-cyclohexene oxide
CN    1-Vinyl-3,4-epoxycyclohexane
CN    3,4-Epoxycyclohexylethylene
CN    3-Ethenyl-7-oxabicyclo[4.1.0]heptane
CN    3-Vinyl-7-oxabicyclo[4.1.0]heptane
CN    4-Vinyl-1-cyclohexene-1,2-epoxide
CN    4-Vinylcyclohexane 1,2-epoxide
CN    4-Vinylcyclohexane-1-oxide
CN    4-Vinylcyclohexene monoepoxide
CN    4-Vinylcyclohexene oxide
CN    Epoxide 101
CN    NSC 35409
CN    Unoxat epoxide 101
CN    Vinyl-3,4-epoxycyclohexane
FS    3D CONCORD
DR    29087-40-9
MF    C8 H12 O
CI    COM
LC    STN Files:   BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
         CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, EMBASE, IFICDB, IFIPAT, IFIUDB,
         NIOSHTIC, RTECS*, TOXCENTER, USPAT2, USPATFULL
            (*File contains numerically searchable property data)
         Other Sources:   DSL**, EINECS**, TSCA**
            (**Enter CHEMLIST File for up-to-date regulatory information)
```



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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

            397 REFERENCES IN FILE CA (1907 TO DATE)
            142 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
            397 REFERENCES IN FILE CAPLUS (1907 TO DATE)
             19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
```
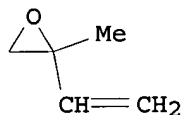
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RN    930-22-3  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    Oxirane, ethenyl- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    1-Butene, 3,4-epoxy- (6CI, 8CI)
OTHER NAMES:
CN    (±)-Vinyloxirane
CN    1,2-Epoxy-3-butene
CN    1,2-Oxido-3-butene
CN    1,3-Butadiene monoepoxide
CN    1,3-Butadiene monooxide
CN    1,3-Butadiene oxide
CN    2-Vinyloxirane
CN    3,4-Epoxy-1-butene
CN    Butadiene epoxide
CN    Butadiene monoepoxide
CN    Butadiene monooxide
CN    Butene 3,4-epoxide
CN    Epoxybutadiene
CN    Ethenyloxirane
CN    NSC 24251
CN    NSC 8023
CN    Vinyl epoxide
CN    Vinyloxirane
FS    3D CONCORD
DR    22910-58-3, 88416-31-3
MF    C4 H6 O
CI    COM
LC    STN Files:   AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
         CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX,
         CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, EMBASE, GMELIN*, HODOC*, HSDB*,
         IFICDB, IFIPAT, IFIUDB, MEDLINE, NIOSHTIC, PROMT, PS, RTECS*, SPECINFO,
         SYNTHLINE, TOXCENTER, ULIDAT, USPAT2, USPATFULL
           (*File contains numerically searchable property data)
      Other Sources:   EINECS**, NDSL**, TSCA**
           (**Enter CHEMLIST File for up-to-date regulatory information)
```
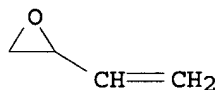


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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

         988 REFERENCES IN FILE CA (1907 TO DATE)
          56 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
         989 REFERENCES IN FILE CAPLUS (1907 TO DATE)
          42 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
```

```
RN     1838-94-4  REGISTRY
ED     Entered STN:  16 Nov 1984
CN     Oxirane, 2-ethenyl-2-methyl- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN     1-Butene, 3,4-epoxy-3-methyl- (6CI, 7CI, 8CI)
OTHER NAMES:
CN     1,2-Epoxy-2-methyl-3-butene
CN     2-Ethenyl-2-methyloxirane
CN     2-Methyl-2-vinylepoxide
CN     2-Methyl-2-vinyloxacyclopropane
CN     2-Methyl-2-vinyloxirane
CN     2-Vinylpropylene oxide
CN     3,4-Epoxy-3-methyl-1-butene
CN     3-Methyl-3,4-oxido-1-butene
CN     Isoprene epoxide
CN     Isoprene oxide
CN     NSC 48598
FS     3D CONCORD
DR     86777-83-5
MF     C5 H8 O
CI     COM
LC     STN Files:   BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
          CHEMINFORMRX, CSCHEM, CSNB, GMELIN*, IFICDB, IFIPAT, IFIUDB, MEDLINE,
          NAPRALERT, PS, SPECINFO, TOXCENTER, USPAT2, USPATFULL
             (*File contains numerically searchable property data)
```
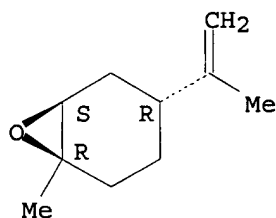


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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

          294 REFERENCES IN FILE CA (1907 TO DATE)
            2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
          296 REFERENCES IN FILE CAPLUS (1907 TO DATE)
           14 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
```

RN   13837-75-7 REGISTRY
ED   Entered STN: 16 Nov 1984
CN   7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-, (1R,4R,6S)-rel-
      (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-,
      (1α,4α,6α)-
CN   p-Menth-8-ene, 1,2-epoxy-, cis- (8CI)
OTHER NAMES:
CN   1,2-Epoxy-cis-p-menth-8-ene
CN   1,2-Epoxydipentene
CN   1α,2α-Epoxylimonene
CN   cis-1,2-Epoxy-p-menth-8-ene
CN   cis-1,2-Epoxylimonene
CN   **cis-1,2-Limonene epoxide**
CN   cis-1,2-Limonene oxide
CN   **cis-Limonene epoxide**
CN   **cis-Limonene monoepoxide**
CN   cis-Limonene oxide
FS   STEREOSEARCH
DR   66141-66-0
MF   C10 H16 O
CI   COM
LC   STN Files: ANABSTR, BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS,
      CHEMINFORMRX, TOXCENTER, USPAT2, USPATFULL
            (*File contains numerically searchable property data)
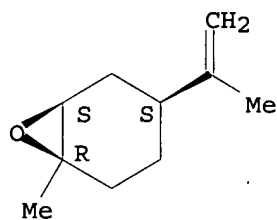
Relative stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

            252 REFERENCES IN FILE CA (1907 TO DATE)
            254 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13   ANSWER 3 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN
RN   4959-35-7 REGISTRY
ED   Entered STN: 16 Nov 1984
CN   7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-, (1R,4S,6S)-rel-
      (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-,
      (1α,4β,6α)-
CN   p-Menth-8-ene, 1,2-epoxy-, stereoisomer (8CI)
OTHER NAMES:
CN   1,2-Epoxy-trans-p-menth-8-ene
CN   1β,2β-Epoxylimonene
CN   trans-1,2-Epoxy-p-menth-8-ene
CN   **trans-1,2-Limonene epoxide**
CN   trans-1,2-Limonene oxide
CN   **trans-Limonene epoxide**
CN   **trans-Limonene monoepoxide**

CN   trans-Limonene oxide
FS   STEREOSEARCH
DR   10373-59-8, 66141-65-9, 201797-62-8
MF   C10 H16 O
CI   COM
LC   STN Files: ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT,
         CHEMINFORMRX, SPECINFO, TOXCENTER, USPAT2, USPATFULL
            (*File contains numerically searchable property data)
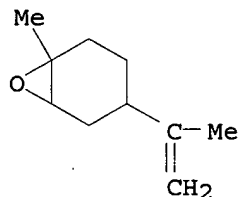
Relative stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

         247 REFERENCES IN FILE CA (1907 TO DATE)
         248 REFERENCES IN FILE CAPLUS (1907 TO DATE)
           1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L

RN   1195-92-2 REGISTRY
ED   Entered STN: 16 Nov 1984
CN   7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)- (9CI)   (CA INDEX
       NAME)
OTHER CA INDEX NAMES:
CN   p-Menth-8-ene, 1,2-epoxy- (6CI, 7CI, 8CI)
OTHER NAMES:
CN   1,2-Epoxy-p-menth-8-ene
CN   1,2-Epoxylimonene
CN   Limonene 1,2-epoxide
CN   Limonene 1,2-oxide
CN   **Limonene epoxide**
CN   Limonene monoxide
CN   Limonene oxide
CN   LMO
CN   NSC 12045
FS   3D CONCORD
DR   10008-60-3, 98240-20-1, 31326-91-7
MF   C10 H16 O
CI   COM
LC   STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
          BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS,
          CHEMINFORMRX, CHEMLIST, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE,
          IFICDB, IFIPAT, IFIUDB, MEDLINE, NAPRALERT, NIOSHTIC, PIRA, .PROMT,
          RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
             (*File contains numerically searchable property data)
          Other Sources: DSL**, EINECS**, TSCA**
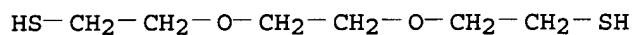   (**Enter CHEMLIST File for up-to-date regulatory information)

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

             438 REFERENCES IN FILE CA (1907 TO DATE)
              25 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
             440 REFERENCES IN FILE CAPLUS (1907 TO DATE)
              34 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN   823797-39-3 REGISTRY
ED   Entered STN: 01 Feb 2005
CN   Ethanethiol, 2,2'-[1,2-ethanediylbis(oxy)]bis-, polymer with
      1,1'-[oxybis(2,1-ethanediyloxy)]bis[ethene] and [(2-
      propenyloxy)methyl]oxirane (9CI) (CA INDEX NAME)
OTHER NAMES:
CN   Allyl glycidyl ether-diethylene glycol divinyl ether-dimercaptodioxaoctane
      copolymer
MF   (C8 H14 O3 . C6 H14 O2 S2 . C6 H10 O2)x
CI   PMS
PCT   Polyother, Polyvinyl
SR   CA
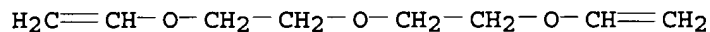LC   STN Files: CA, CAPLUS, USPATFULL

      CM   1

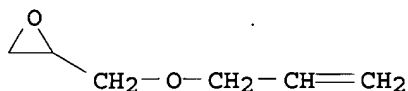   CRN 14970-87-7
      CMF C6 H14 O2 S2

HS—CH$_2$—CH$_2$—O—CH$_2$—CH$_2$—O—CH$_2$—CH$_2$—SH

      CM   2

      CRN 764-99-8
      CMF C8 H14 O3

H$_2$C=CH—O—CH$_2$—CH$_2$—O—CH$_2$—CH$_2$—O—CH=CH$_2$

      CM   3

      CRN 106-92-3
      CMF C6 H10 O2

CH$_2$—O—CH$_2$—CH=CH$_2$

          1 REFERENCES IN FILE CA (1907 TO DATE)
          1 REFERENCES IN FILE CAPLUS (1907 TO DATE)